

ABSTRACT OF THE DISCLOSURE

1007059-0450
20520-960-001

5 An apparatus for dosing lubricant into a compressed air flow includes a lubricant container, a pneumatically operated lubricant pump, an injection channel, a non-return valve interposed between the outlet of the pump and the injection channel, and an electronic sensor cooperating with or coupled to the non-return valve so that the sensor emits an electrical signal responsive and corresponding to the stroke travel of the non-return valve. When the pump carries out a lubricant injection cycle, the pressurized lubricant pushes open the non-return valve, flows into the injection channel and from there into a main channel through which compressed air flows. The travel of the valve is sensed by the sensor, and the sensor signal indicates whether the lubricant injection was proper or faulty, e.g. if the proper amount of lubricant was injected.